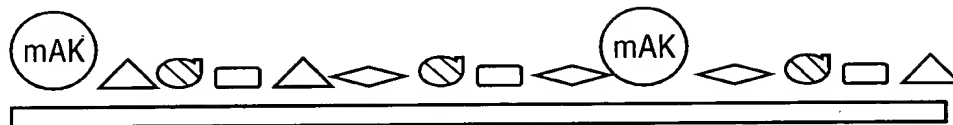
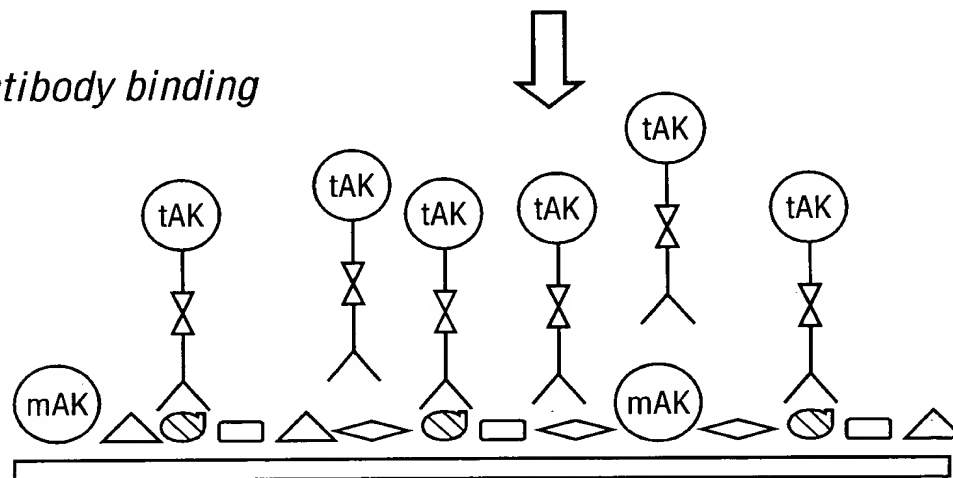


1/4
Prion ELISA - 1

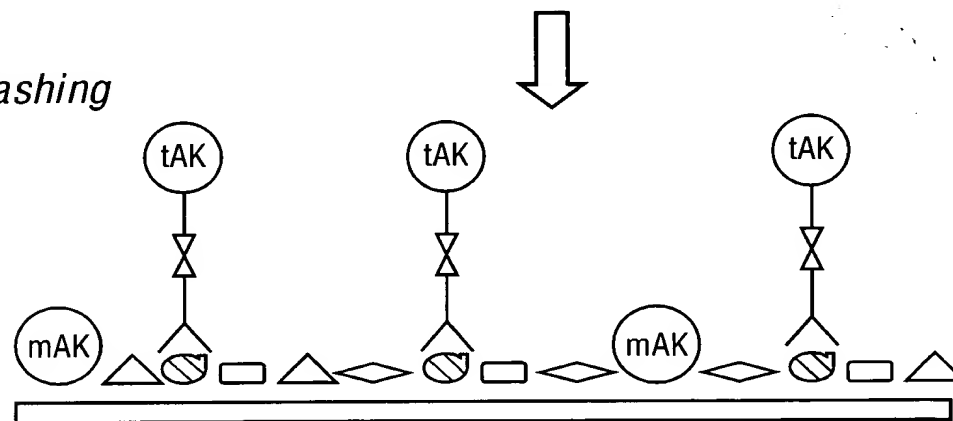
1. Blocking



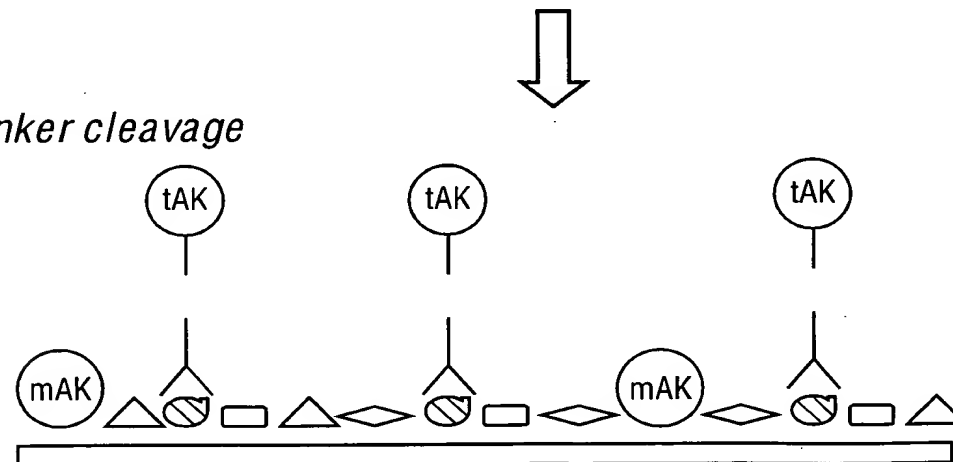
2. Antibody binding



3. Washing



4. Linker cleavage

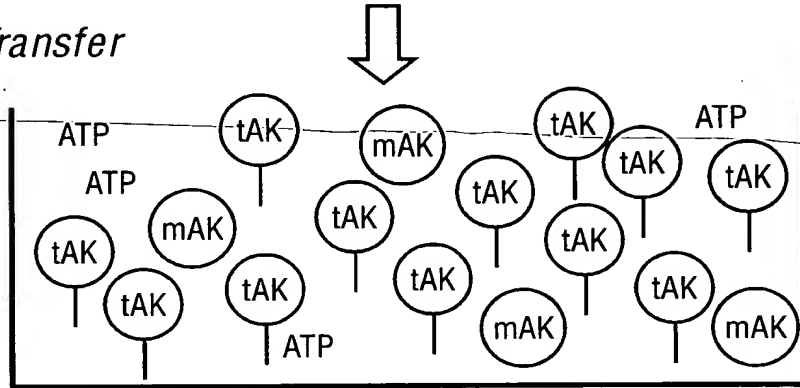


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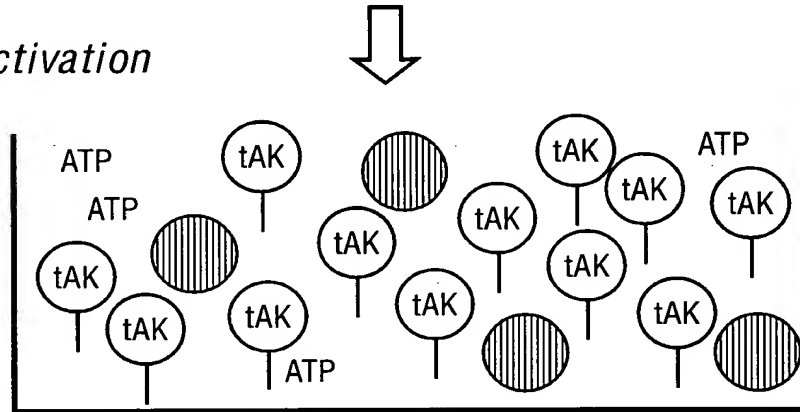
2/4

Prion ELISA - 2

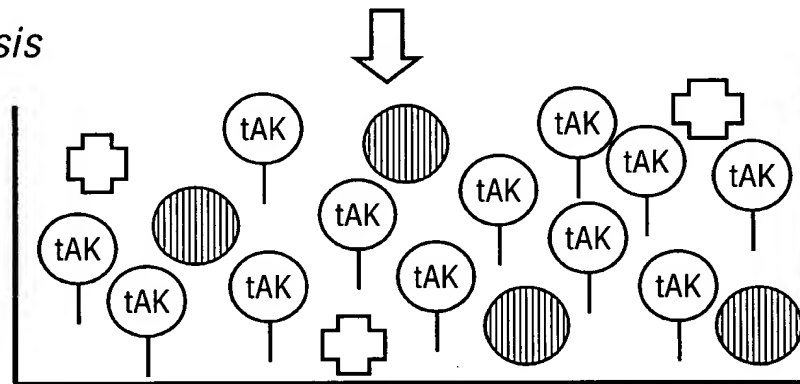
5. Recovery / Transfer



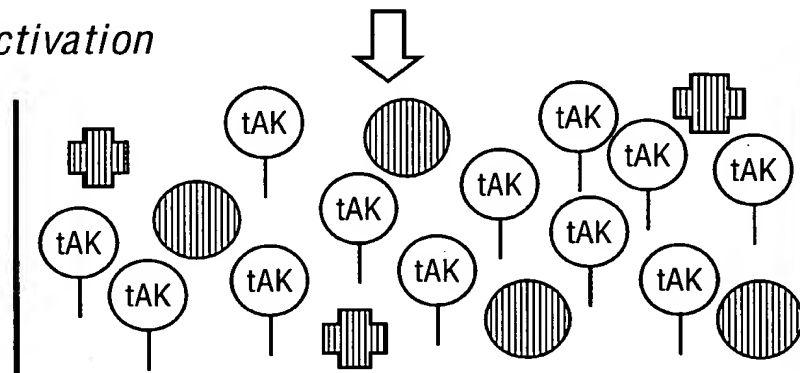
6. Thermal Inactivation



7. ATP Hydrolysis

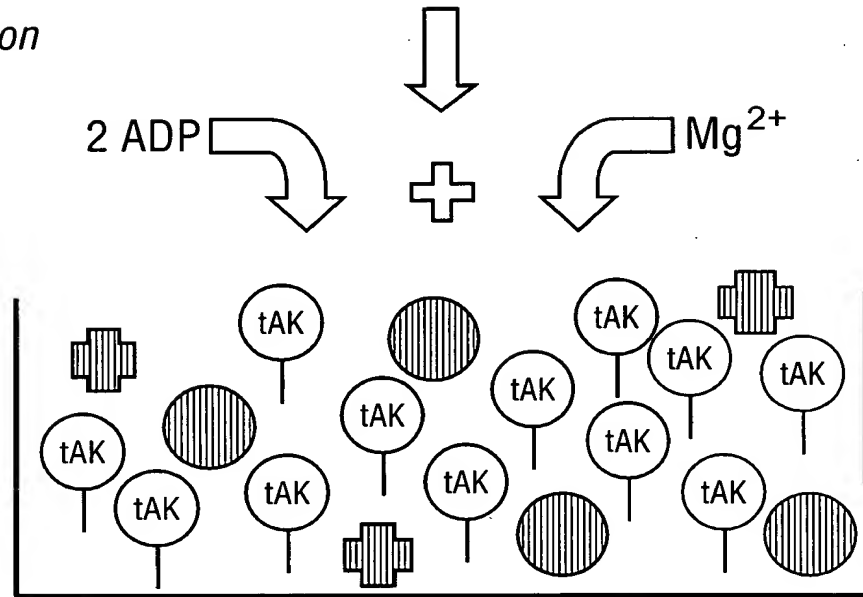


8. Thermal Inactivation

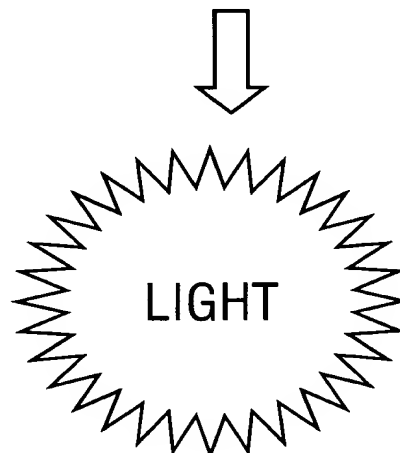
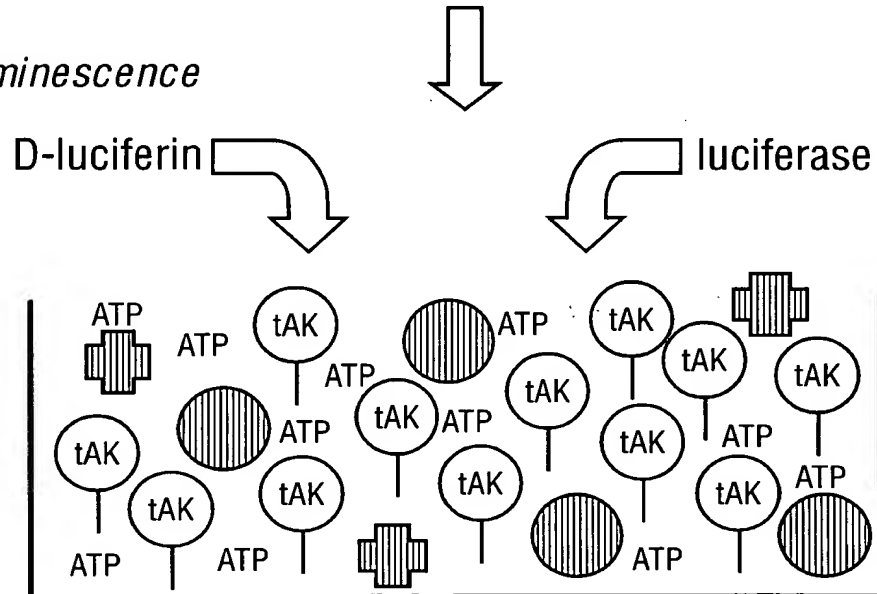


3/4 Prion ELISA - 3

9. ATP Generation



10. ATP Bioluminescence



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Key to Prion ELISA



- mesophilic adenylate kinase



- prion protein



- miscellaneous cellular materials



- thermostable adenylate kinase



- cleavable linker



- antibody



- antibody - thermostable adenylate kinase conjugate

ATP

- adenosine 5'-triphosphate



- apyrase / adenosine deaminase



- thermally inactivated enzymes

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